

National Workshop on
Advanced Legged Robotics
 08-10 May 2025
 Dr APJ Abdul Kalam Auditorium, Pashan, Pune

Day 1: 08 May 2025/Thursday

Time	Activity/Talk	Speaker
0900-1030	Registration and Inauguration	
1030-1100	Tea break	
1100-1145	Legged Robots-Technologies and Challenges	Dr. S. E. Talole/Dr. Kiran Akella, R&DE(E), Pune
1145-1230	Design of Mechanisms and Kinematics	Prof. Sandipan Bandyopadhyay, IIT Madras
1230-1315	Wearable & Rehabilitation Robotics	Prof. Vineet Vashista, IIT Gandhinagar
1315-1415	Lunch	
1415-1445	Industry 1	
1445-1530	Multi-robot Systems	Prof. Arpita Sinha, IIT Bombay
1530-1615	Swarm Robotics-Technologies and Challenges	Prof. K. Mukhopadhyaya, ISI Kolkata
1615-1645	Tea break	
1645-1715	Industry 2	
1715-1800	Computational Architecture for AI and Robotics	Prof. S. K. Nandy, IISc Bangalore
1900-2200	Cultural program and dinner	

Day 2: 09 May 2025/Friday

Time	Activity/Talk	Speaker
0930-1015	Motion Planning in Legged Robots	Prof. Ashish Dutta, IIT Kanpur
1015-1100	Vision and Learning Robot Navigation	Prof. K. Madhava Krishna, IIIT Hyderabad
1100-1130	Tea break	
1130-1215	Autonomous Navigation in Robotics	Mr. Chandrajit Ganguly, R&DE(E), Pune
1215-1300	Intelligence Architecture for Legged Robotics	Prof. Rohan Paul, IIT Delhi
1300-1400	Lunch	
1400-1430	Industry 3	
1430-1515	RL based Legged Locomotion	Prof. Shishir Kolathaya, IISc Bangalore
1515-1600	Soft Robotics	Prof. Madhu Vadali, IIT Gandhinagar
1600-1630	Tea break	
1630-1700	Industry 4	

Day 3: 10 May 2025/Saturday

Time	Activity/Talk	Speaker
0930-1015	Tactile Sensing & Artificial Skin	Prof. Mitradip Bhattacharjee, IISER Bhopal
1015-1100	Compliant Mechanisms-Principles and Design	Prof. G. K. Ananthasuresh, IISc Bangalore
1100-1130	Tea break	
1130-1215	Battery Science & Technologies	Prof. S. B. Ogale, IISER Pune
1215-1300	Concluding Session	
1300-1400	Lunch	